

10669894

reprogramming symbol;

- [0018] Fig. 6b is a block diagram corresponding to the system of Fig. 6a;
- [0019] Figs. 7a-7j are screen shots illustrating use of a GUI development screen incorporated in a symbol generator of the invention;
- [0020] Figs. 8a-8c show examples of reprogramming symbols of the invention;
- [0021] Fig. 9 is a flow diagram illustrating operation of a reconfigurable device operating in a "symbol reading" reprogramming mode;
- [0022] Fig. 10 is an example of a data stream corresponding to an encoded reprogramming symbol constructed by a symbol generator in accordance with the invention;
- [0023] Figs. 11a-11c are block diagrams illustrating various implementations of a symbol generator of the invention;
- [0024] Figs. 12a-12d are schematic diagrams illustrating implementations of the invention in which a reprogramming symbol is displayed;
- [0025] Figs. 13a-13e illustrate various substrates on which a reprogramming symbol of the invention may be disposed;
- [0026] Fig. 14 illustrates an implementation of the invention in which a reprogramming symbol is encoded to facilitate product registration;
- [0027] Fig. 15 illustrates an implementation of the invention in which symbols of a reprogramming symbol set are disposed on different substrates;
- [0028] Fig. 16 illustrates various portable devices in which the invention may be incorporated;
- [0029] Figs. 17a-17j are various views of an exemplary portable device;
- [0030] Fig. 18 is an exploded perspective view of a circuit board assembly of the invention facilitating device reconfiguration.

WAS  
1-2-08

#### **Detailed Description of the Invention**

- [0031] In one aspect, a reprogramming system of the invention can include a symbol